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## **LOA Management Tool Development**

Amy Farak  
1176 Howell St.  
Newport, RI 02841  
phone: (401) 832-4674 fax: (401) 832-4747 email: [amy.farak@navy.mil](mailto:amy.farak@navy.mil)

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### **LONG-TERM GOALS**

Enable SYSCOM community to efficiently and effectively manage incidental take permits under the Marine Mammal Protection Act Letters of Authorization (LOA).

### **OBJECTIVES**

Development of a software-based tool that allows SYSCOMs to manage hours and/or counts of impulsive and non-impulsive sources permitted under the LOAs associated with Phase II environmental planning documents. ONR funding is only part of the overall funding for development of the LOA Management Tool. NAVSEA, NAVAIR and SPAWAR have also contributed funding for the development of this management tool.

### **APPROACH**

Peter Hulton is the Marine Species Modeling Team (MSMT) Team Lead responsible for the development of the LOA Management Tool.

The MSMT will develop a web based solution with an SQL server back end. The web solution enables a centralized management strategy where all LOA users will submit their usage data. The SQL database server enables transaction integrity. Submittals will have an immediate affect on the LOA reports. A workflow will be built into the application that allows proposed events to be approved by a designated authority.

### **WORK COMPLETED**

To date, a fundamentally usable tool has been developed. The tool will be available to the SYSCOM/ONR community in early FY14 for testing and critique. LOA Management tool completion date scheduled for December 2013.

### **RESULTS**

The web application BETA release was successfully completed in FY 13. Technically, the use of Microsoft advanced web and database technology (specifically “dotnet”) enabled the application to be fielded rapidly with short, agile style, development sprints that enabled stakeholders to provide feedback during the development process.

The ability to trade allocation remains to be done. Additionally, report functionality needed by stakeholders will likely need to be developed, based on their usage of the tool.

## **IMPACT/APPLICATIONS**

The application contains much information about Navy training and testing scenarios. Much work was done to support the LOA tools that could be applied across the commands. For example, activity nomenclature standardization, acoustical and impulsive naming and classification and actual system usage verses estimates.

## **TRANSITIONS**

Not applicable

## **RELATED PROJECTS**

None

## **REFERENCES**

None

## **PUBLICATIONS**

None

## **PATENTS**

None

## **HONORS/AWARDS/PRIZES**

None